

## APPENDIX

### AMENDMENT TO THE CLAIMS

Claim 1 (Currently amended): A method of providing protection against a disease in a ~~nonhuman~~ an animal comprising:

- (a) admixing a water soluble palatable flavorant selected from the group consisting of fruit, fish and meat flavorants with a water soluble vehicle suitable for an orally administered vaccine to create a mixture;
- (b) further admixing with the mixture of step (a), an antigen which is an active component selected from the group consisting of a bacterium and a virus to thereby produce an oral vaccine; and
- (c) administering the vaccine of step (b) to said ~~nonhuman~~-animal to provide protection against ~~a~~ the disease.

Claim 2 (Currently amended): The method of claim 1, wherein the antigen is capable of causing ~~a~~ the disease in a ~~nonhuman~~ an animal selected from the group consisting of swine, poultry, cattle, sheep, goats, horse, cat and dog.

Claim 3 (Currently amended): The method of claim 2, wherein the antigen or the disease caused by the antigen is selected from the group consisting of *Erysipelothrix rhusiopathiae*, *Actinobacillus pleuropneumoniae*, *Mycoplasma hyopneumoniae*-*hyopneumonia*, *E. coli* K88, K99, F41 and 987P, *Clostridium perfringens* type c, *Salmonella choleraesuis*-*Salmonellacholeraesuis*, *Bordetella bronchiseptica*, *Leptospira bratislava*, *Leptospira canicola*, *Leptospira grippotyphosa*, *Leptospira hardjo*, *Leptospira pomona* *Leptspira Pomona*, *Leptospira canicola*, Porcine Influenza virus, Circovirus, Porcine Reproductive and Respiratory Syndrome (PRRS) virus, Swine pox, Rotavirus, Porcine Respiratory Coronavirus, Parvo virus, Pseudorabies, transmissible gastroenteritis agent, *Streptococcus equi*, *Clostridium tetani*-*tetanus*, Equine Influenza Virus A1 and A2 strains, Equine Rhinopneumonids type 1, 1b and 4, Eastern Equine Encephalomyelitis, Western Equine Encephalomyelitis, Venezuelan Equine Encephalomyelitis, Equine Rotavirus, *E. coli* O157:H7, *Pasteurella multocida*, *Pasteurella haemolytica*, *Clostridium perfringens* type D,

*Clostridium chauvoei*, *Clostridium novyi*, *Clostridium septicum*, *Clostridium haemolyticum*, *Clostridium sodellii*, *Salmonella dublin*, *Salmonella typhimurium*, Bovine Rotavirus, Bovine coronavirus, Bovine rhinotracheitis, Bovine diarrhea virus, Parainfluenza-3, Respiratory syncytial virus, *Serpulina Sepullina pilosicoli*, Marek's disease virus, Infectious bursal disease, Infectious bronchitis, Newcastle disease virus, Reo virus, Turkey rhinotracheitis rhinotrachelitis, Coudiosis, Canine *Borrelia burgdorferi*, Canine *Ehrlichia canis*, Canine *Bordetella bronchiseptica*, Canine *Giardia lamblia*, Canine distemper, Canine Adenovirus, Canine Coronavirus, Canine Parainfluenza, Canine Parvovirus, Canine Rabies, Feline *Chlamydia psittaci*, Feline immunodeficiency virus, Feline infectious peritonitis virus, Feline leukemia virus, Feline rhinotrachelitis, Feline Panleukopenia, and Feline rabies.

Claim 4 (Original): The method of claim 1, wherein the vaccine is administered through drinking water.

Claim 5 (Currently amended): The method of claim 1, wherein the ~~nonhuman~~-animal is selected from the group consisting of swine, poultry, cattle, sheep, goats, horse, cat and dog.

Claim 6 (Currently amended): The method of claim 1, wherein the ~~nonhuman~~-animal is selected from the group consisting of swine and poultry.

Claim 7 (Currently amended): The method of claim 6, wherein the administration of the ~~oral orally administered~~ vaccine is by ~~a~~ mass administration through drinking water.

Claim 8 (Currently amended): The method of claim 7, wherein the ~~nonhuman~~-animal is a pig and the antigen is *Erysipelothrix rhusiopathiae*.

Claim 9 (Currently amended): The method of claim 1, wherein the ~~nonhuman~~-animal is selected from the group consisting of dog and cat.

Claim 10 (Currently amended): The method of claim 7, wherein the administration of the oral orally administered vaccine is into the mouth through a syringe.

Claims 11-26 (Canceled).

Claim 27 (Currently amended): The method of claim 7 wherein the water soluble palatable fruit flavorant is selected from the group consisting of cherry flavorant, grape flavorant, watermelon flavorant, and apple flavorant.

Claim 28 (Currently amended): The method of claim 7 wherein the water soluble palatable fruit flavorant is strawberry flavorant.

Claim 29 (Previously presented): The method of claim 1 wherein the water soluble palatable flavorant is a fruit flavorant.

Claim 30 (Currently amended): The method of claim 29 wherein the fruit flavorant is strawberry flavorant.